



SCOLE-Kerala
DCA - Examination - JUNE, 2017
Subject: DC 01. INFORMATICS

Time: 2¹/₂ hrs.

Max. Mark: 100

SECTION: I

(Answer all questions)

(6 × 1 = 6)

1. introduced the concept of stored program.
2. USB stands for
3. is an example for a company that manufacture microprocessor.
4. Cache emmory is placed between the processor and
5. is an example for 4GL.
6. is an example for volaile memory.

SECTION: II

(Answer all questions)

(5 × 1 = 5)

7. Which of the following is an example for primary memory
a) Random Access Memory b) Optical Disk
c) Hard Disk d) Punched Card
8. Which of the following is an example for sequential access device
a) Floppy Disk b) Hard Disk c) ZIP Disk d) Pen Drive
9. is an example for an input device
a) Monitor b) Printer c) Plotter d) Touch Screen
10. is an example for a system software.
a) Excel b) GNU/Linux c) Microsoft Office d) Open Office
11. In a single byte how many bits will be there?
a) 8 b) 16 c) 4 d) 32

SECTION: III

(Answer all questions)

(10 × 2 = 20)

12. List the features of a fourth generation computer.
13. Why a microprocessor is needed in a computer?
14. What do you understand by the term Hyper Threading?

15. Write about EEPROM
16. List the different magnetic storage devices.
17. Write the characteristics of a Monitor
18. What do you understand by the term kernel of an Operating System.
19. Write examples of virus (any two)
20. Write about software piracy.
21. What is a computer?

SECTION: IV
(Answer any 9)

(9 × 5 = 45)

22. Explain the different classification of computers based on size.
23. List different types of Micro Computers.
24. Write the function of a motherboard.
25. How can we differentiate two microprocessors?
26. Write down the characteristics of Secondary Memory.
27. List and explain the different types of RAM.
28. Explain the different pointing devices.
29. What do you understand by language translator. List and explain the different language translators.
30. List the different freedom offered by free software,
31. Explain the different application of IT.

SECTION: V
(Answer any 3)

(3 × 8 = 24)

32. List and explain the different characteristics of a computer.
 33. With a neat block diagram explain the organization of a computer.
 34. Explain the different types of operating systems.
 35. List and explain the different types of e-commerce.
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